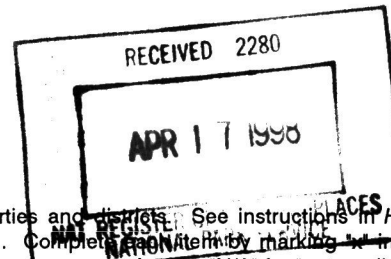


United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form



This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in *How to Complete the National Register of Historic Places Registration Form* (National Register Bulletin 16A). Complete each item by marking ☒ in the appropriate box or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Upper Paris Bridge

other names/site number _____

2. Location

street & number Sutton Road over Wapsipinicon River ☐ not for publication

city or town 3.8 miles southwest of Coggon ☒ vicinity

state Iowa code IA county Linn code 113 zip code 52218

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this ☒ nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property ☒ meets ☐ does not meet the National Register criteria. I recommend that this property be considered significant ☐ nationally ☒ statewide ☐ locally. (☐ See continuation sheet for additional comments.)

Patricia Osterking DSHPO
Signature of certifying official/Title

4-7-98
Date

STATE HISTORICAL SOCIETY OF IOWA

State or Federal agency and bureau

In my opinion, the property ☐ meets ☐ does not meet the National Register criteria. (☐ See continuation sheet for additional comments.)

Signature of certifying official/Title

Date

State or Federal agency and bureau

4. National Park Service Certification

I hereby certify that the property is:

- ☒ entered in the National Register
☐ See continuation sheet
- ☐ determined eligible for the National Register
☐ See continuation sheet
- ☐ determined not eligible for the National Register
- ☐ removed from the National Register
- ☐ other, (explain):

Edson A. Beall 5-15-98

5. Classification**Ownership of Property**
(Check as many boxes as apply)

- ☐ private
☒ public-local
☐ public-State
☐ public-Federal

Category of Property
(Check only one box)

- ☐ building(s)
☐ district
☐ site
☒ structure
☐ object

Number of Resources within Property
(Do not include previously listed resources in the count)

Contributing	Noncontributing	
0	0	buildings
0	0	sites
1	0	structures
0	0	objects
1	0	Total

Name of related multiple property listing
(Enter "N/A" if property is not part of a multiple property listing)

Highway Bridges of Iowa

Number of contributing resources previously listed in the National Register

0

6. Function or Use**Historic Functions**

(Enter categories from instructions)

TRANSPORTATION/road-related

Current Functions

(Enter categories from instructions)

TRANSPORTATION/road-related

7. Description**Architectural Classification**

(Enter categories from instructions)

other: pinned Whipple through truss

Materials

(Enter categories from instructions)

foundation Timber and stone

walls

roof

other Wrought iron

Narrative Description

(Describe the historic and current condition of the property on one or more continuation sheets)

Located southwest of Coggon, the Upper Paris Bridge spans the Wapsipinicon River in a setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1 construction date: 1879
 span length: 160.0' construction cost: \$4964.72
 total length: 208.0' current condition: good
 roadway wdt.: 14.7' alterations: railings replaced, 1987

superstructure: wrought iron, 11-panel, pin-connected Whipple through truss, with timber stringer approach spans

substructure: timber and stone abutments and wingwalls with stone and timber pile bent piers

floor/decking: timber deck over timber stringers

other features: upper chord and inclined end post: 2 channels with cover and batten plates; lower chord: 2 looped rectangular eyebars; hip vertical: 1 looped round eyerod; vertical: built-up I-beam; center panel vertical: I-beam; diagonal: 2 looped rectangular eyebars; counter: 2 looped round eyerods; floor beam: tapered "fishtail" plate girder, U-bolted to superstructure (floor beams have decorative, cast-iron, starburst plates on ends); top lateral: round-section rod; bottom lateral: square eyebar with turnbuckle; portal bracing: lattice; sway bracing: I-beams; portal bridge plates: 1879, Wrought Iron Bridge Co. / Canton, O. / Builders / Patented Nov. 21st / 1876

Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Upper Paris Bridge today retains a high degree of integrity of location, design, setting, materials, workmanship, feeling and association.

8. Statement of Significance**Applicable National Register Criteria**

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- ☐ **A** Property is associated with events that have made a significant contribution to the broad patterns of our history.
- ☐ **B** Property is associated with the lives of persons significant in our past.
- ☒ **C** Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- ☐ **D** Property has yielded, or is likely to yield, information important in prehistory or history.

Areas of Significance

(Enter categories from instructions)

ENGINEERING

Period of Significance

1879

(The period of significance is derived from the original construction date.)

Significant Dates

1879 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer:

Wrought Iron Bridge Company, Canton OH

fabricator:

Wrought Iron Bridge Company, Canton OH

builder:

Wrought Iron Bridge Co.; Cloyston & Wood

Criteria Considerations

(Mark "x" in all the boxes that apply)

Property is:

- ☐ **A** owned by a religious institution or used for religious purposes.
- ☐ **B** removed from its original location.
- ☐ **C** a birthplace or grave.
- ☐ **D** a cemetery.
- ☐ **E** a reconstructed building, object, or structure.
- ☐ **F** a commemorative property.
- ☐ **G** less than 50 years of age or achieved significance within the past 50 years.

Narrative Statement of Significance

(Explain the significance of the property on continuation sheets.)

9. Major Bibliographical References**Bibliography**

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS):

- ☐ preliminary determination of individual listing (36 CFR 67) has been requested
- ☐ previously listed in the National Register
- ☐ previously determined eligible by the National Register
- ☐ designated a National Historic Landmark
- ☐ recorded by Historic American Buildings Survey
- ☐ recorded by Historic American Engineering Record

Primary location of additional data:

- ☒ State Historic Preservation Office
- ☐ other State agency
- ☐ Federal agency
- ☐ Local government
- ☐ University
- ☐ other
- name of repository:

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section Number 8 Page 1 Upper Paris Bridge Linn County; Iowa

This unusual Whipple truss spans the Wapsipinicon River in northern Linn County. It was built in 1879 by the Ohio-based Wrought Iron Bridge Company for \$3400.00. The timber-and-stone substructure was constructed by Cloyston and Wood for \$1564.72. The bridge is a fairly rare example of a double-intersection Pratt truss, also known as a "Whipple" truss, which was first developed by engineer Squire Whipple in 1847. Additional construction documentation for this long-span truss does not exist in county records. Barring a minor replacement, the aesthetically striking Upper Paris Bridge carries intermittent vehicular traffic in its rural setting. The Upper Paris Bridge is distinguished as a well-preserved, large-scale example of a Whipple truss. Basically a Pratt with diagonals that extend over two panels, the Whipple truss was seldom employed for wagon trusses in the state. Few were ever erected and fewer yet remain today. This structure is one of only eight pin-connected Whipple through trusses remaining in Iowa and is the longest of the eight. For its exceeding rare use of wrought iron components, its rare truss configuration and its span length, the Upper Paris Bridge is a structurally significant wagon bridge.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Upper Paris Bridge Linn County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 223020.

Linn County Bridges, Supervisors' Proceedings, 1843-1900: page 148 (June 1879), page 149 (July 1879), page 150 (January 1880), located at the Linn County Engineer's Office, Cedar Rapids IA.

Victor C. Darnell, **Directory of American Bridge-Building Companies, 1840-1900** (Washington, D.C.: Society for Industrial Archaeology, 1984), page 48.

James L. Cooper, **Iron Monuments to Distant Posterity; Indiana's Metal Bridges, 1870-1930** (n.p., 1987), pages 63-4.

Field inspection by Charlene K. Roise, 29 September 1991.

10. Geographical DataAcreage of Property less than one acre**UTM References**

(Place additional UTM references on a continuation sheet)

1 15 616790 4677660
zone easting northing2 15 616820 4677720
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 17 feet by 208 feet, which is centered on the UTM point(s) listed above. Included within this rectangular parcel are the bridge's superstructure, substructure, approach spans and floor system.

Boundary Justification

(Explain why the boundaries were selected)

The nominated structure includes the bridge's superstructure, substructure, floor system, any approach spans and the property on which they rest. These boundaries encompass, but do not exceed, all of the property that has been historically associated with the bridge.

11. Form Prepared Byname/title Charlene Roise, Demian Hess and Michelle Crow-Dolbyorganization Fraserdesign date 31 August 1994street & number 1269 Cleveland Avenue telephone 303-669-7969city or town Loveland state Colorado zip code 80537**Additional Documentation**

Submit the following items with the completed form:

Continuation Sheets**Maps**A **USGS map** (7½ or 15 minute series) indicating the property's locationA **Sketch map** for historic districts and properties having large acreage or numerous resources**Photographs**Representative **black and white photographs** of the property**Additional Items**

(Check with the SHPO or FPO for any additional items)

Property Owner

(Complete this item at the request of SHPO or FPO)

name/title Linn Countystreet & number 1888 County Home Road telephone 319-398-3445city or town Marion state Iowa zip code 52302

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Projects (1024-0018), Washington, DC 20503.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES
EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINATION

PROPERTY Upper Paris Bridge
NAME:

MULTIPLE Highway Bridges of Iowa MPS
NAME:

STATE & COUNTY: IOWA, Linn

DATE RECEIVED: 4/17/98 DATE OF PENDING LIST: 4/28/98
DATE OF 16TH DAY: 5/14/98 DATE OF 45TH DAY: 6/01/98
DATE OF WEEKLY LIST:

REFERENCE NUMBER: 98000532

NOMINATOR: STATE

REASONS FOR REVIEW:

APPEAL: N DATA PROBLEM: N LANDSCAPE: N LESS THAN 50 YEARS: N
OTHER: N PDIL: N PERIOD: N PROGRAM UNAPPROVED: N
REQUEST: N SAMPLE: N SLR DRAFT: N NATIONAL: N

COMMENT WAIVER: N

☒ ACCEPT ☐ RETURN ☐ REJECT 5.15.98 DATE

ABSTRACT/SUMMARY COMMENTS:

Entered in the
National Register

RECOM./CRITERIA _____

REVIEWER _____ DISCIPLINE _____

TELEPHONE _____ DATE _____

DOCUMENTATION see attached comments Y/N see attached SLR Y/N

FEB -2 1996

CLG NATIONAL REGISTER REVIEW

CLG Name Linn County Date of Public Meeting 1/22/96

Property Name Upper Paris Bridge Address Sutton Road over Wapsipinicon River
3.8 mi. southwest of Coggon, IA

1. For Historic Preservation Commission:

- ☒ Recommendation of National Register eligibility
☐ Recommendation of National Register ineligibility

Signature *Orville Arnold* Date 1-24-96

Reason(s) for recommendation:

2. For Chief Elected Local Official:

- ☒ Recommendation of National Register eligibility
☐ Recommendation of National Register ineligibility

Signature *Lynn E. Dwyer* Date 1/31/96

Reason(s) for recommendation:

3. Professional Evaluation Name *Leah D. Rogers*

- ☒ Recommendation of National Register eligibility
☐ Recommendation of National Register ineligibility

Signature *Leah D. Rogers* Date 1-22-96

Reason(s) for recommendation:

Concur with nomination

RETURN TO:

KERRY C MCGRATH, STATE HISTORICAL SOCIETY OF IOWA, NEW HISTORICAL BUILDING,
600 EAST LOCUST, DES MOINES IA 50319-0290



UPPER PARIS BRIDGE

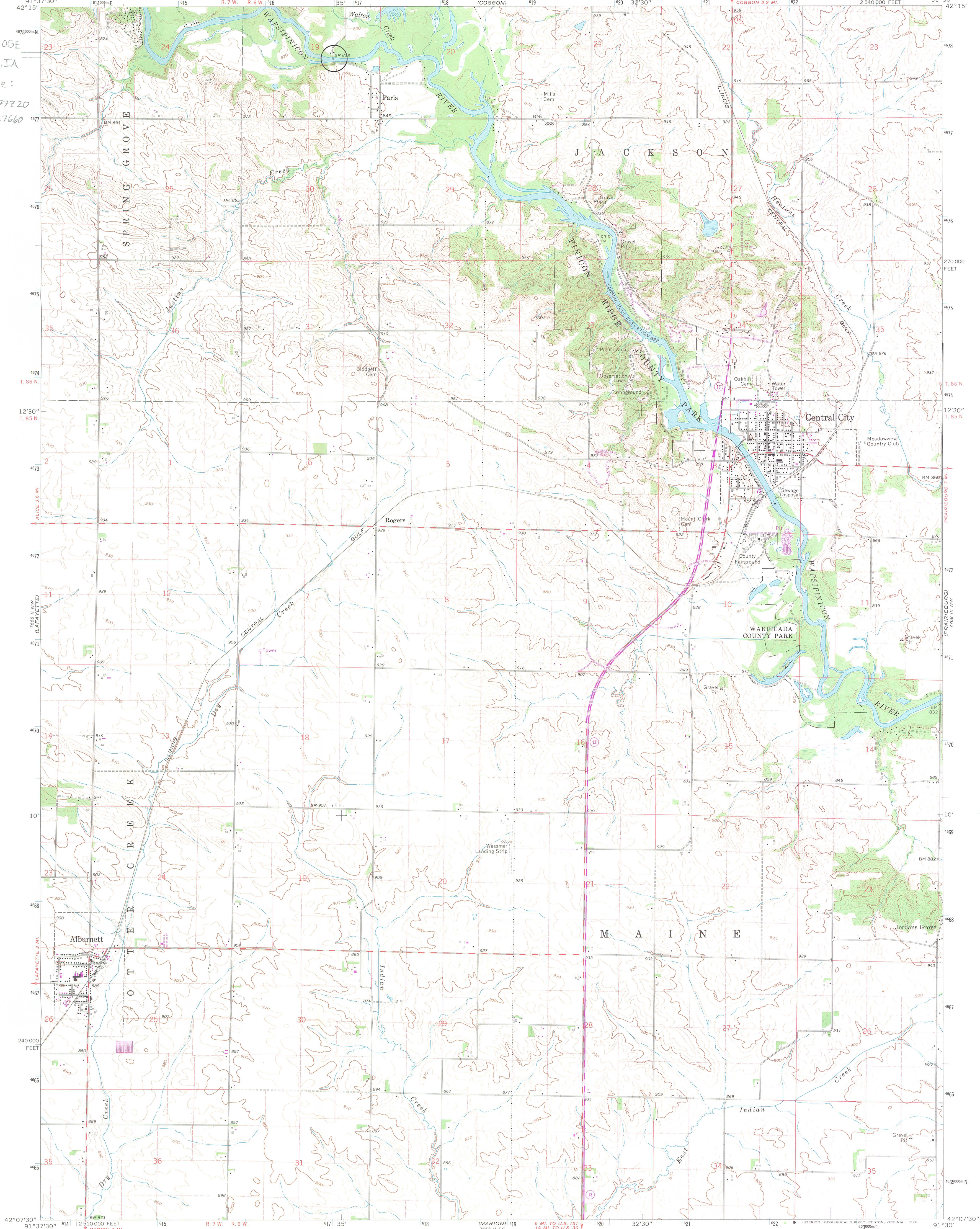
(FHWA No. 223020)

LINN COUNTY, IOWA

CHARLENE K. ROISE, FRASER DESIGN

29 SEPTEMBER 1991

UPPER PARIS BRIDGE
Paris, Linn County, IA
UTM Reference:
15.616820.4677220
15.616790.4677660

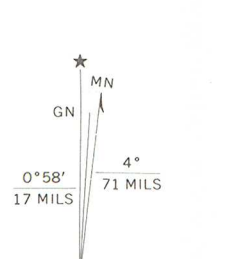


Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1965. Field checked 1968

Polyconic projection. 1927 North American datum
10,000-foot grid based on Iowa coordinate system, north zone
1000-metre Universal Transverse Mercator grid ticks,
zone 15, shown in blue

Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Revisions shown in purple compiled from aerial photographs
taken 1975. This information not field checked



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Secondary highway, all weather, Light-duty road, all weather,
hard surface improved surface
Unimproved road, fair or dry
weather
State Route



CENTRAL CITY, IOWA
N4207.5—W91307.5

1968
PHOTOREVISED 1975
AMS 7668 II NE—SERIES V876

LINN